



United States Steel Corporation  
Clairton Works  
400 State Street  
Clairton, PA 15025

December 22, 2008

Mr. James Thompson  
Department of Air Quality  
Bureau of Air Pollution Control  
301 Thirty-Ninth Street  
Pittsburgh, PA 15201

U.S. Environmental Protection Agency  
Region III  
Air, Radiation & Toxics Division  
1650 Arch Street  
Philadelphia, PA 19103-2029  
ATTN: James W. Hagedorn

Assistant Council  
Department of Environmental Protection  
Southwest Region  
400 Waterfront Drive  
Pittsburgh, PA 15222-4745  
ATTN: Steve Hepler

Department of Justice  
Environmental and Natural Resource Division  
Environmental Enforcement Section  
P.O. Box 7611  
Ben Franklin Station  
Washington, D.C. 20044  
ATTN: David Street, Esq.

Subject: USS Reference Number: 08-1131  
ACHD Reference Number: N/A  
#1 Battery Igniter Flare  
USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the outage. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,

Mark G. Tabler  
Plant Manager  
Clairton Works

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As Protection Division (3AP12)

**NOTICE OF OUTAGE OF EQUIPMENT**  
**ARTICLE XXI - SECTION 2108.1**

1. **USS Reference Number:** 08-1131  
**ACHD Reference Number:** N/A
2. **Date & Time of Breakdown:** Date: 12/21/08 Time: 2335 hours
3. **Company Name:** U.S. Steel Corporation - USS Clairton Works
4. **Specific Equipment Involved or Affected:** #1 Battery Igniter Flare
5. **BAPC Permit Number (if applicable):**
6. **Location:** Clairton, PA
7. **Nature and cause of breakdown:** The auto mercooid switch malfunctioned and allowed the igniter flare to open.

Date	Battery	Start Time	End Time	Duration Min. Sec.	Flared Yes No
12/21/08	1	23:35	23:50	15 00	Yes

8. **Identification of Emissions:**
  - A. **Type(s)** (CO, NOX, SO<sub>2</sub>, Particulates, Hydrocarbons, etc.)  
Released products of combustion of Coke Oven Gas.
  - B. **Toxic qualities of each type** (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). Eye, Nose and Throat Irritant.
  - C. **Amount of each type emitted (or likely to be emitted).**  
Moderate
9. **Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).**  
The flare was manually closed. The problem was resolved and the automatic system was available for service.

10. **Facility back in operation -** Date: 12/21/08 Time: 2350 hours

Signature Coleen M. Davis Date 12-22-08  
Coleen M. Davis  
Senior Environmental Control Engineer Phone: 412-233-1015